

Substitute for form 1449/PTO

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

1

of 5

15

Complete if Known

Application Number	10/711,359
--------------------	------------

10/711.359

Filing Date	September 14, 2004
-------------	--------------------

September 14, 2004

First Named Inventor	Alaria, et al.
----------------------	----------------

Alaria, et al.

Art Unit	3679
----------	------

3679

Examiner Name

[illegible]

Attorney Docket Number	22.3085
------------------------	---------

22.3085

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
JH		US- 186,503	01-23-1877	Snook	
		US- 360,663	04-05-1887	Daniels	
		US- 808027	12-19-1905	Eager	
		US- 992,516	05-16-1911	Mulconroy et al.	
		US- 1125067	01-19-1915	Cook	
		US- 1141151	06-01-1915	Speller	
		US- 1280170	10-01-1918	Crawford	
		US- 1344028	06-22-1920	Ewald	
		US- 1363353	12-28-1920	Riker	
		US- 1489065	04-01-1924	Clifton	
		US- 1543963	06-30-1925	Walton	
		US- 1746701	02-11-1930	Kimmich	
		US- 1797180	03-17-1931	Snyder	
		US- 1840312	01-12-1932	Dunmire	
		US- 1942518	01-09-1934	Protin	
		US- 2106595	01-25-1938	Draving	
		US- 2145168	01-24-1939	Flagg	
		US- 2204586	06-18-1940	Grau	
		US- 2289271	07-07-1942	Kane et al.	

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

The M. h

Date Considered

1-7-06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/711,359
		Filing Date	September 14, 2004
		First Named Inventor	Alaria, et al.
		Art Unit	3679
		Examiner Name	
Sheet 2	of 5	Attorney Docket Number	22.3085

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
JK		US- 2296198	09-15-1942	Boynton	
		US- 2407552	09-10-1946	Hoesel	
		US- 2500276	03-14-1950	Church	
		US- 2552794	05-15-1951	Kimbell	
		US- 2613959	10-14-1952	Richardson	
		US- 2762638	09-11-1956	Brown	
		US- 2766054	10-09-1956	Everhart	
		US- 2810400	10-22-1957	Hewitt	
		US- 2825584	03-04-1958	Badger et al	
		US- 2885225	05-05-1959	Rollins	
		US- 2931670	04-05-1960	Church	
		US- 3013820	12-19-1961	Pouppirt	
		US- 3069187	12-18-1962	Collins et al	
		US- 3139293	06-30-1964	Franck	
		US- 3208757	09-28-1965	Jageman	
		US- 3218210	11-16-1965	Waddell Jr	
		US- 3233921	02-08-1966	Holmgren et al	
		US- 3287813	11-29-1966	Lennon et al	
		US- 3388752	06-18-1968	Hanes et al	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ³
		Country Code ² -Number ⁴ -Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	1-7-06
-----------------------	---	--------------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/711,359
		Filing Date	September 14, 2004
		First Named Inventor	Alaria, et al.
		Art Unit	3679
		Examiner Name	
Sheet 3 of 5	Attorney Docket Number	22.3085	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
JH		US- 3395934	08-06-1968	Rosan et al	
		US- 3442536	05-06-1969	Fowler	
		US- 3447820	06-03-1969	Durnan	
		US- 3453359	07-01-1969	Clement et al	
		US- 3648548	03-14-1972	Siddall	
		US- 3813115	05-28-1974	French	
		US- 3835891	09-17-1974	White	
		US- 3841668	10-15-1974	Williams	
		US- 3857349	12-31-1974	Pritulsky	
		US- 3870351	03-11-1975	Matuski	
		US- 3876319	04-08-1975	Meyer	
		US- 3880451	04-29-1975	Kinzbach	
		US- 3889716	06-17-1975	Linhart	
		US- 3908704	09-30-1975	Clement et al	
		US- 3916505	11-04-1975	White	
		US- 4074912	02-21-1978	Van Bilderbeek et al	
		US- 4094539	06-13-1978	Reimert	
		US- 4098298	07-04-1978	Vohrer	
		US- 4124229	11-07-1978	Ahlistone	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁴
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner Signature	<i>J. M. L.</i>	Date Considered	1-7-06
--------------------	-----------------	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 4

of 5

Complete if Known

Application Number	10/711,359
Filing Date	September 14, 2004
First Named Inventor	Alaria, et al.
Art Unit	3679
Examiner Name	
Attorney Docket Number	22.3085

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
JH		US- 4124232	11-07-1978	Ahlstone	
		US- 4127927	12-05-1978	Hauk et al	
		US- 4154466	05-15-1979	Simmons	
		US- 4196031	04-01-1980	Lalikos et al	
		US- 4342612	08-03-1982	Lalikos et al	
		US- 4352614	10-05-1982	Hirsch	
		US- 4444421	04-24-1984	Ahlstone	
		US- 4647072	03-03-1987	Westman	
		US- 4804019	02-14-1989	Kramer Jr	
		US- 4878794	11-07-1989	Potucek	
		US- 5042138	08-27-1991	Umemori et al	
		US- 5182147	01-26-1993	Davis	
		US- 5217158	06-08-1993	Spiegelberg, et al.	
		US- 5257733	11-02-1993	Spiegelberg, et al.	
		US- 5485870	01-23-1996	Kraik	
		US- 5637806	06-10-1997	Barysnikov et al	
		US- 6371224 B1	04-16-2002	Freeman et al	
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁴
		Country Code ³ Number ¹ Kind Code ² (if known)				
		EP1031739 A2	08-30-2000	INA Walzinger		
JH		GB2133479 A	07-25-1984	General Motors		
JH		WO01/66903 A1	09-13-2001	Brush Wellman		
JH		IT01283507	07-26-1996	Agip S.P.A.		
JH		SU1834780A3	10-23-1990			
		FR2599812A1	06-04-1986	Societe Anonyme		

Examiner Signature	<i>JE M. L.</i>	Date Considered	1-7-06
-----------------------	-----------------	--------------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/711,359
Filing Date	September 14, 2004
First Named Inventor	Alaria, et al.
Art Unit	3679
Examiner Name	
Attorney Docket Number	22.3085

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T*
		Country Code* - Number* - Kind Code* (if known)				
		EP0083675B1	03-26-1986	Strodter		
JL		WO03/004826A1	01-16-2003	Maxwell Downhol		

Examiner Signature	<i>J. M. L.</i>	Date Considered	1-7-06
-----------------------	-----------------	--------------------	--------

*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.